

DATE: 4/07/2010

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00097148

**JEFFERSON PARISH**  
PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: .....

BUYER: AHolmes

**BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 5/06/2010 AND THEN PUBLICLY OPENED.**

**LATE BIDS WILL NOT BE ACCEPTED**

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES DISQUALIFY BID.**

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**  
**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. The provisions do not apply to public works projects

Questions on this bid are to be faxed to (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet or exceed specifications.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection.

If the bid exceeds \$20,000.00 and if someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with LSA-R.S. 38:2212(A)(1)(c) or LSA-R.S. 38:2212 (O).

**A. AWARD OF CONTRACT:** JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitor outside the state. "LSA-R.S.38:2251-2261"

**B. USE OF BRAND NAMES AND STOCK NUMBERS:** Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

**C. CANCELLATION OF CONTRACT:** JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

**Visit our website at [WWW.JEFFPARISH.NET/BIDS](http://WWW.JEFFPARISH.NET/BIDS)**

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

**D. PRICES:** Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A117.1-1961).

**E. RESPONSE TO INVITATION:** If your company is unable to bid on this request, please state your reason on bid form, and return to this office before bid opening date. Failure to do so may result in the removal of your company from Jefferson Parish's vendors list.

**F. POSTING OF BIDS:** Non-Advertised bids will be posted on bulletin board in Suite 4400, Jefferson Parish General Government Building, Gretna, LA, for a period of Five (5) working days after opening date.

Advertised bids will be tabulated and a copy forwarded to each responsive bidder.

**IN ACCORDANCE WITH RECENT STATE LEGISLATION JEFFERSON PARISH IS NOW OFFERING  
ELECTRONIC PROCUREMENT TO ALL VENDORS**

**JEFFPro is the current Electronic Procurement System being used by the Parish. This system allows vendors the convenience of entering and submitting their pricing online. This is a secure site and no one has access to bid information.**

**Please follow the Purchasing Department link at [purchasing.jeffparish.net](http://purchasing.jeffparish.net) to register and review Jefferson Parish solicitations.**

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053.

**ADDITIONAL REQUIREMENTS FOR THIS BID**

**PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE  
CORRESPONDING INSTRUCTIONS BELOW.**

**1,2,3,4,5,6,7,8,9,10,11,14,**

1. All bidders are invited to attend the pre-bid conference. Failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. This conference is held to allow questions to be answered and inspect the site with owner's representative, etc. Failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification (with no additional cost to the owner).

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

2. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project.
3. A Louisiana State Contractor's License may be required in accordance with LSA-R.S. 37:2150 et seq. If providing information on the internet (JEFFPro) please enter license number in the vendor comment section of the bid form.
4. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
5. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
6. All awards in excess of \$5,000.00 for the construction, alteration, or repair of any public works will be reduced to a formal contract which shall be recorded at the contractor's expense. A price list of recordation costs may be obtained from the Clerk of Court and Ex-officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 reduced to formal contract will require a performance bond.
7. A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. Performance bond shall be supplied at the signing of the contract.
8. Please indicate if you have insurance: YES \_\_\_\_\_ NO \_\_\_\_\_  
Successful bidder will be required to furnish proof of insurance to this office.  
Successful bidder will be required to furnish Federal I.D. Number.
9. Minimum insurance requirements for this bid are as indicated on the attached sheet.
10. Each bid must be accompanied by a cashier's check, certified check, money order, or surety bid bond in the amount of 5% of the bid, including all alternates.
11. Affidavit required is to be submitted within 10 working days of the bid opening to the Purchasing Department on all solicitations for construction, alteration or demolition of public building or project. (LSA-RS 38:2224)
12. This is a requirements contract to be provided on an as needed basis.
13. In the event that the successful bidder cannot furnish a specific item or material and labor in the required time, JEFFERSON PARISH may purchase on an emergency basis from the next lowest bidder, or available source, until such time as the successful bidder has notified the PARISH in writing that his stock or labor capability has been replenished. The difference in price will be charged against the successful bidder of this contract, and evidence of purchases and price will be provided.
14. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be disqualified if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.

## LOUISIANA UNIFORM PUBLIC WORK BID FORM

Page: 4

TO: JEFFERSON PARISH  
PURCHASING DEPT  
P.O. BOX 9  
GRETN, LA 70054-0009

(Owner to provide name and address of owner)

BID FOR: 50-00097148

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: \_\_\_\_\_

and dated: \_\_\_\_\_

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA**: (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) \_\_\_\_\_

**TOTAL BASE BID:** For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" \* but not alternates) the sum of:

\_\_\_\_\_ Dollars (\$ ) \_\_\_\_\_

**ALTERNATES:** For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

**Alternate No. 1** (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

\_\_\_\_\_ Dollars (\$ ) \_\_\_\_\_

**Alternate No. 2** (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

\_\_\_\_\_ Dollars (\$ ) \_\_\_\_\_

**Alternate No. 3** (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

\_\_\_\_\_ Dollars (\$ ) \_\_\_\_\_

**NAME OF BIDDER:** \_\_\_\_\_

**ADDRESS OF BIDDER:** \_\_\_\_\_

**LOUISIANA CONTRACTOR'S LICENSE NUMBER:** \_\_\_\_\_

**NAME OF AUTHORIZED SIGNATORY OF BIDDER:** \_\_\_\_\_

**TITLE OF AUTHORIZED SIGNATORY OF BIDDER:** \_\_\_\_\_

**SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER \*\*:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

\* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

\*\* If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with LSA-R.S.38:2212(A)(1)(c) or LSA-R.S. 38:2212(O) .

**BID SECURITY** in the form of a bid bond, certified check or cashier's check as prescribed by LSA-R.S. 38:2218.A is attached to and made a part of this bid.

LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Page: 5

TO: JEFFERSON PARISH  
PURCHASING DEPT  
P.O. BOX 9  
GRETN, LA 70054-0009  
(Owner to provide name and  
address of owner)

BID FOR: 50-00097148  
LABOR, MATERIALS, AND EQUIPMENT  
FOR NEW PLAYGROUND AND PAVILLION  
FOR THE JEFFERSON PARISH  
DEPARTMENT OF PARKS AND  
RECREATION.  
(Owner to provide name and  
address of owner)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices.  
Amounts shall be stated in figures and only in figures.

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0010 Playground Structure				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
1	1	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0020 Park Benches				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
3	2	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0030 Picnic Tables				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
4	1	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0040 Signs				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
5	1	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0050 Playground Surface per spec				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
6	1	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0060 Gazebo as per Spec				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
7	1	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0070 Concrete 1700 sq.ft				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
8	1	JOB		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0080 Installation Services				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
10	1	JOB		

Wording for "DESCRIPTION" is to be provided by the Owner.  
All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

**LOUISIANA UNIFORM PUBLIC WORK BID FORM**  
**UNIT PRICE FORM**

Page: 6

TO: JEFFERSON PARISH  
PURCHASING DEPT  
P.O. BOX 9  
GRETN, LA 70054-0009  
 (Owner to provide name and  
 address of owner)

BID FOR: 50-00097148  
 LABOR, MATERIALS, AND EQUIPMENT  
 FOR NEW PLAYGROUND AND PAVILLION  
 FOR THE JEFFERSON PARISH  
 DEPARTMENT OF PARKS AND  
 RECREATION.

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices.  
 Amounts shall be stated in figures and only in figures.

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. # 0090 Freight				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)
11	1	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #				
REF NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE:	UNIT PRICE EXTENSION (Quantity times Unit Price)

Wording for "DESCRIPTION" is to be provided by the Owner.  
 All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

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DESCRIPTION OF ARTICLES

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**0010 Playground Structure**

**OAK FOREST PARK TOT LOT AND SHELTER FOR  
THE JEFFERSON PARISH PARKS AND  
RECREATION DEPARTMENT.**

Climbers, Playground, landscape  
structures, custom play booster, weight  
2731 pounds  
Dyna-Play Item number 37284-H

**0020 Park Benches**  
6 foot bench with back, weight 119 pound

Dyna-Play Item number 1416833

**0030 Picnic Tables**  
6 foot picnic tables, weight 246 pounds

Dyna-Play item number 141684A

**0040 Signs**  
Landscape structures 5-12 year old sign  
weight 32 pounds.

Dyna-Play item number 100106A

**0050 Playground Surface per spec**  
1550 square feet soft tile surfacing  
at 3.25 inch depth including SofRamp and  
ADA borders PLUS SERIES

**0060 Gazebo as per Spec**  
Classic Recreation 10 foot x 10 foot  
Mesa Unit Shelter

**0070 Concrete 1700 sq.ft**  
concrete base for playground and  
pavillion (shelter), 4 inch thickness,  
3000 psi (pressure per square inch)

**0080 Installation Services**  
Installation by vendor

**0090 Freight**

**IMPORTANT NOTICE TO ALL BIDDERS – BID REQUIREMENTS**

As per LA R.S. 38:2212(A)(3)(c)(ii), the bid form shall contain Bid Security or Bid Bond, Acknowledgment of Addenda, Base Bid, Alternates, Bid Total, Signature of Bidder, Name, Title and Address of Bidder, Name of Firm or Joint Venture Corporate Resolution or other appropriate signature authorization, if required, Louisiana Contractors License Number, and on public works projects where unit prices are utilized, their inclusion in the bid form. Other documentation required shall be furnished by the low bidder at a later date, in accordance with the Bidding Documents.

To the extent that the Jefferson Parish front end documents, including the Instructions to Bidders, Supplemental Terms and Conditions, as per Resolutions 113646 and 113647, require that any information or documentation be supplied with the bid, and which said information or documentation is not allowed to be required with the bid under the new Louisiana Uniform Public Work Bid Form, then the requirement to provide it with the bid is waived. All such required information or documentation not provided with the bid must be provided within 10 days of bid opening by the apparent low bidder. Failure to provide said information and documentation within the 10 days shall be grounds to declare the bid non-responsive. This information and documentation includes, but is not limited to, the non-collusion affidavit, the tax identification number, and the proof of insurance. However, the payment and performance bond must be supplied upon contract signing.

Contractor's Louisiana License shall be in the following category: General Building Contract - Flooring.

Bidder agrees that this bid shall be good and may not be withdrawn for a period of forty-five (45) calendar days after the scheduled closing time for receiving bids. In the event the Owner issues the Letter of Award during this period, the bid accepted shall continue to remain binding until the execution of the Contract.

Attached hereto is an Affidavit in proof that the undersigned has not entered into any collusion or agreements with any person or persons with respect to this proposal or the submission thereof, which affidavit must be provided within 10 days of bid opening by the apparent low bidder.

Low Bidder will execute the formal agreement within twelve (12) days after the original date of Owner's Notification of award and will deliver a Performance Bond or Bonds for the faithful performance of the Contract.

Bid Security, in the sum of five percent (5%) of the total bid price (Base Bid and any Alternates), is to become the property of the Owner in the event the information or documentation required 10 days after opening are not supplied, or if the Contract and Performance Bond are not executed within the time above set forth.

Further, the Bidder agrees that all work shall be completed as follows: within ninety (90) days calendar days, such time limits commencing upon the date of issuance of Owner's "Notice To Proceed".

Further, as per Resolutions 113646 and 113647, the Bidder agrees to pay, as liquidated damages, the sum of : two-hundred ten dollars (\$210.00) as follows for: (1) each consecutive calendar day after the agreed date of completion that the work remains substantially incomplete, or (2) each consecutive calendar day after substantial completion that the work has not been finally completed.



**In addition to and not in lieu of the per diem liquidated damages, Owner shall also be entitled to recover from Contractor or Contractor's Surety additional liquidated damages as detailed in Resolutions 113646 and 113647. These additional liquidated damages may include, but are not limited to the following, in the amounts and for each of the items identified in the Supplementary Conditions (to be determined and filled in by the department):**

- (1) Extended architectural and/or engineering fees \$0\_;**
- (2) Extended Resident Project Representative fees \$0\_;**
- (3) Extended construction management fees \$0\_;**
- (4) Extended Owner's overhead and personnel expenses \$0\_; and**
- (5) Owner's other costs directly related to the delay in completion beyond the Contract Times.**

Furnish labor and materials for new tot lot (playground) and shelter (pavilion) 10 foot by 10 foot  
at Oak Forest (community)

**Pre-Bid Conference:**

Date: Monday, April, 26, 2010  
Time: 11:00 am  
Location: Oak Forest Park  
2751 Oak Forest Boulevard  
Marrero, LA 70072

Bid to include all labor, materials, tools, necessary permits, licenses, inspection fees and incidentals to complete all work required by these specifications.

**General Conditions:**

Protect all existing work from damage. It is intended that any existing work in place shall be repaired to original condition if damaged by work of this contract.

All work shall be performed in a neat and workmanlike manner, and in accordance with all codes standards and requirements.

100% Payment and Performance Bonds will be required for this project in accordance with Jefferson Parish ordinances.

The Contractor agrees to execute within 12 days from notice, a contract for the work for the above stated amount and at the same time to furnish and deliver to the Owner a Performance and a Payment Bond, each in an amount equal to 100% of the Contract Sum.

A formal contract will required for this work and payments will be a partial basis as work is performed. A 10% retainage will be deducted from each payment and paid upon presentation of a Clear Lien and Privilege Certificate.

**Liquidated Damages:**

The undersigned is aware that the Owner will sustain actual damages in the event of delay in the completion of the work, that time is of the essence, and therefore, further agrees that he, the Contractor and his sureties shall be liable for and shall pay to the Owner the sum of Two Hundred Ten Dollars (\$210.00) per calendar day applicable to all work here stipulated, as fixed, agreed, and liquidated damages for each calendar day of delay until the work is completed and accepted by Owner.

## PLAYGROUND EQUIPMENT SPECIFICATIONS FOR OAK FOREST PARK

### **PART 1 - GENERAL**

#### 1.01 GENERAL REQUIREMENTS

The provisions of the entire contract documents are hereby made a part of this section.

#### 1.02 STANDARDS

Meet the requirements and recommendations of the applicable portions of the latest edition of Guidelines by the Consumer Product Safety Commission Publication No. 325, Standards by the American SOCIety for Testing and Materials (ASTM Standard #1487-07) and the Americans with Disabilities Act Architectural Guidelines (ADAAG) as set forth in the Federal Register. Manufacturers of play equipment must be certified by the International Organization for Standardization (ISO) for 9001 - Quality Standards certifying manufacturer's processes and 14001 - Standards for Environmental Protection and Natural Resource Preservation.

#### 1.03 SUBMITTALS

- A. Submit product data on all materials specified herein.
- B. Submit complete shop drawings showing all dimensions, details, and specifications of equipment.
- C. Submit colored 3-D drawings
- D. Submit proof of warranty as specified herein.
- E. Submit a detailed list of any deviations from the specified product.
- F. Submit IPEMA certification showing compliance with all applicable portions of the current ASTM F-1487-07ae1 Standard.
- G. Submit documentation that the Playground Equipment Manufacturer is **ISO 9001** certified (Quality Management Standard)
- H. Submit documentation that the Playground Equipment Manufacturer is **ISO 14001** certified (Environmental Management Standard)

### **PART 2 - PRODUCTS**

#### 2.01 MANUFACTURER

Landscape Structures, Inc. #37284-1-1 Custom Aluminum PlayBooster structure per drawing, #100106 5-12 year sign, (2) #141683B 6' Tendertuff benches w/back, and (1) #141684A 6' Tendertuff picnic table or prior approved equal. Any manufacturer seeking prior approval must submit a 2-Dimensional drawing of their proposed structure which includes the IPEMA certification and manufacturer's statement that proposed equipment conforms to the ADA accessibility Guidelines with a breakdown of total elevated components, elevated components accessible by transfer, and total

accessible ground level components. Manufacturer must also submit ISO Certifications as stated above.

## 2.02 SCOPE

This section includes all materials, components, and associated accessories to complete and install the playground equipment as specified. Contractor is also responsible for furnishing and installing the following:

- (1) 1600 s.f. 4" concrete slab, 3000 psi for playground per dwg.
- (1) 100 s.f. 4" concrete slab, 3000 psi for pavilion per dwg
- (1) Classic Recreation Systems 10' x 10' Mesa pavilion (specs attached)
- (1) 1600 s.f. of SofSURFACES SotTILE surfacing per dwg (specs attached)

## 2.03 GENERAL SPECIFICATIONS

- A. **MATERIAL:** All materials shall be structurally sound and suitable for safe play. Durability shall be insured on all steel parts by the use of time tested coatings such as zinc plating, galvanizing, ProShield finish, Tendertuff (PVC) coating, etc. Color shall be specified.
- B. **HARDWARE (FASTENERS):** Primary fasteners shall be socketed and pinned tamper-proof in design, stainless steel (SST) per ASTM #F879 unless otherwise indicated. All primary fasteners shall include a locking patch type material that will meet the minimum torque requirements of IFI-125. The material, when allowed the 72-hour cure time, shall require a minimum of 4 times the installation torque to remove the fastener. Manufacturer to provide special tools for pinned hex fasteners. NOTE: HARDWARE THAT IS NOT VANDAL RESISTANT AS STATED ABOVE, SHALL NOT BE ACCEPTABLE.
- C. **TENDERTUFF COATING:** All metal components to be Tendertuff-coated shall be thoroughly cleaned in a hot phosphatizing pressure washer, and then primed with a water-based thermosetting solution. Primed parts shall be preheated prior to dipping in UV. stabilized, liquid poly vinyl chloride (PVC), and then salt cured at approximately 400 degrees. The finished coating shall be approximately .080" thick plus or minus .020", at an 85-durometer hardness and have a matte finish. Standard colors are brown, tan, red, and blue.
- D. **PROSHIELD FINISH:** All material components with ProShield finish shall be thoroughly cleaned and phosphatized through a five-stage power washer. Parts are then thoroughly dried, preheated and processed through a set of automatic powder spray guns where a minimum .002" of epoxy primer is applied. The parts are allowed to cool and then pass through a second set of automatic powder spray guns. A minimum .004" of architectural-grade Super-Durable polyester TGIC powder is applied. The parts are oven-cured at 400 degrees F metal temperature for 10 minutes. The average ProShield film thickness is .006"

ProShield is formulated and tested per the following ASTM standards. Each color must meet or exceed the ratings listed below:

1. Adhesion (0-33598) rating 5B
2. Hardness (0-3363) rating 2H
3. Impact (0-2794) rating minimum 80 inch-pounds
4. Salt Fog Resistance (8-117 & 01654) 4000 hrs; rating 7 or greater
5. UV Exposure (G1S4, 340 bulb) 3,000 hrs; rating delta E of 2 and 90% gloss retention

Paint line shall employ a "checkered" adhesion test daily. (18) standard colors are available.

- E. DECKS: All Tenderdecks shall be of modular design and have 5/16" diameter holes on the standing surface. There shall be a minimum of (4) slots in each face to accommodate face mounting of components. Tenderdecks shall be manufactured from a single piece of low carbon 12 gauge (.105") sheet steel conforming to ASTM specification A-S69. The sheet shall be perforated then flange formed and reinforced as necessary to ensure structural integrity. The unit shall then be Tendertuff coated brown only. Tenderdecks shall be designed so that all sides are flush with the outside edge of the supporting posts.
- F. ROTATIONALLY MOLDED POLY PARTS: These parts shall be molded using prime compounded linear low-density polyethylene with a tensile strength of 2500 psi per ASTM 0638 and with color and UV stabilizing additives. Wall thickness varies by product from .187" (3/16") to .312" 5/16". Four standard colors are available.
- G. PERMALENE PARTS: These parts shall be manufactured from 1/8" thick high-density polyethylene that has been specially formulated for optimum U.V. stability and color retention. Compression molded products shall meet or exceed density of .960 G/cc per ASTM 01505, tensile strength of 2400 PSI per ASTM 0638. Standard solid colors are tan, red, blue, green, and yellow. Some Permalene parts are available in a two-color product with (2) .100" thick exterior layers over a .550" interior core of contrasting color. Eight standard two-color options are available.
- H. FOOTINGS: Unless otherwise specified, all footings will be for surface mount installation.
- I. HARDWARE PACKAGES: All shipments shall include INDIVIDUAL COMPONENT-SPECIFIC hardware packages. Each hardware package shall be labeled with the part number, description, a component diagram showing the appropriate component, package weight, a bar code linking the hardware package to the job number, assembler's name, date and time the package was assembled, work center number, and work order number.

- J. MAINTENANCE KIT: An order-specific maintenance kit shall be provided for each structure order. The kit shall include a notebook or packet with a 2<sup>nd</sup> set of installation documents and order-specific documentation with recommendations on how often to inspect, what to look for and what to do to keep the equipment in like-new condition. The kit also includes touch up primer, appropriate color touch up paint, sand paper, appropriate color touch up PVC, graffiti remover and additional installation tools for the tamperproof fasteners.

## 2.04 PLA YBOOSTER GENERAL SPECIFICATIONS

- A. POSTS: Post length shall vary depending upon the intended use and shall be a minimum of 42" above the deck height. All posts shall be Powdercoated as specified. All posts shall have a "finish grade marker" positioned on the post identifying the 34" bury line required for correct installation and the top of the loose fill protective surfacing. Top caps for posts shall be aluminum die casts from 369.1 aluminum alloy and Powdercoated to match the post color. All caps shall be factory installed and secured in place with (3) self-sealing rivets. A molded low-density polyethylene cap, with drain holes, shall be pressed onto the bottom end of the post to increase the footing area from 2 square inches to 20 square inches.
1. Aluminum Posts: Aluminum posts are constructed of 6005- T5 extruded tubing conforming to ASTM B-221 and QQ-A-200/8. Posts shall have a 5" outside diameter with a .125" wall thickness. Yield Strength min. 35,000 psi, Tensile Strength min. 38,000 psi elongation in 2" =10, Modulus of Elasticity = 10 x 10(6) psi. NOTE: STEEL POSTS ARE NOT ACCEPTABLE.
- B. CLAMPS: All clamps, unless otherwise noted, shall be die cast with a 369.1 aluminum alloy and have the following mechanical properties:
1. Ultimate Tensile: 47,000 PSI
  2. Yield Strength: 28,000 PSI
  3. Elongation: 7% in 2 inches
  4. Shear Strength: 29,000 PSI
  5. Endurance Limit: 20,000 PSI

Each functional clamp assembly shall have an appropriate number of half clamps and fastened to mating parts with (2) 3/8" x 1 1/8" hex-pin cap screws (SST) and (2) zinc/nickel plated carbon steel recessed "I" nuts. 1/4" aluminum rivet with stainless steel pin is used to insure a secure fit to the post.

PlayBooster clamps have three functional applications and shall be named as follows:

- 1.) Offset hanger clamp assembly
- 2.) Deck hanger clamp assembly
- 3.) Hanger clamp assembly

- C. RAILS, HANDLOOPS: These parts shall be constructed of 1-1/8" O.D. Steel Tubing with a .120" wall thickness. Each end of the rail/hand loop shall have a stainless steel knurled, welded insert with 5/8" internal threads. Exposed rails, and handloops shall be Tendertuff-coated. NOTE: PAINTED RAILS AND HANDLOOPS ARE NOT ACCEPTABLE.
  
- D. TENDERDECKS: All Tenderdecks shall conform to the General Specifications and utilize 3/8" Stainless steel welded studs with stainless steel nuts and washers to secure them to deck hanger clamps. Optional shapes are listed below.
  - 1. ONE-PIECE SQUARE DECK: This Tenderdeck shall conform to the "General Specifications" identified above. Finished size of this deck is 47" x 47" x 2-5/8".
  - 2. 90 DEGREE TRI-DECK: This Tenderdeck shall conform to the "General Specifications", The finished size of two of three sides measure 2 5/8" x 37 7/8" on the face of the deck and the other shall measure 2 5/8" x 43 3/4".
  - 3. 8" & 16" KICK PLATE: Shall be fabricated from 11 GA HR flat steel finished with a Tender tuff coating. NOTE: PLASTIC OR PAINTED KICK PLATES NOT ACCEPTABLE.
  
- F. COMPONENTS AND ATTACHED PLAY EVENTS:
  - 1. HANDHOLD ENCLOSURES: PERMALENE enclosure panels are attached to PlayBooster posts with two (2) offset hanger assemblies with bolt extensions and to deck faces with four (4) 3/8" standard fasteners.  
Enclosures shall extend above the deck a minimum of 38".
  - 2. PIPE BARRIERS: Barrier weldment shall be comprised of 5/8" solid steel vertical rails, 1 1/8" O.D. x 11 GA (.120") steel horizontal rails with 203 or 303 stainless steel welded inserts with 5/8" internal threads, 1 1/2" x 1 1/2" x 29 W' angle iron. Barrier measures 33 7/8" wide x 39 13/16" high. After fabrication, the entire unit shall be Tendertuff-coated. NOTE: PAINTED RAILS ARE NOT ACCEPTABLE.
  - 3. PERMALENE PANELS: All Panels shall be manufactured from Permalene (see general specifications). Panel size is 35-5/8" wide x 41" high. REACH panels measure 35 5/8" x 18" high. The panel shall have attached to the posts with two (2) offset hanger assemblies with extension sleeves and standard 3/8" fasteners. Panels shall be secured to the face of the deck with four (4) 3/8" standard fasteners. Panels shall be as follows:

## a.) Sound Chimes Panel

4. TRANSFER MODULE: The 16" high Transfer Module shall be 36" square with rounded edges, 7/8" holes. Finish shall be Tendertuff coated - brown in color. Steps shall be 36" wide, 14" deep, formed from 12 GA (.105) sheet steel conforming to ASTM A569. Finish shall be Tendertuff coated - brown in color. Railing weldment shall be comprised of formed 1/8" O.O. steel tubing x 11 GA. (.120") steel tubing with 203 or 303 stainless steel 5/8" threaded inserts. Finish shall be Tendertuff coated, per the (4) standard color selection. Transfer deck leg weldment shall be comprised of S" O.O. x 11 GA (.120") galvanized steel tubing and "W" x 8" zinc plated HRPO mounting plate. Finish shall be powdercoat - brown in color. NOTE: EXPANDED METAL DECKS AND STEPS ARE NOT ACCEPTABLE.
5. VERTICAL LADDER: Weldment shall be comprised of 1.125" x O.O. 11 GA (.120") steel tubing, 1.029" O.O. RS-20 (.070"-.080") and 3/16" x 2" wide steel flat plates. Finish shall be Tendertuff coated, as specified. Footer shall be fabricated from 1.315" O.O. RS-20 (.080"-.090") galvanized steel tubing with a Powdercoated finish. Ladder shall consist of two handhold solid color Permalene panels (see general specification for panels). The Permalene panels shall attach to posts with aluminum spacer tubes made from 2011-T3 aluminum %" O.O. x 1 11/16" with a Powdercoated finish and two (2) offset hanger clamp assemblies.
6. SLIDE HOOD: Single and double slide hoods, when identified, shall be rotationally molded from U.V. stabilized linear low-density polyethylene, color as specified, to provide a full enclosure. Hoods shall extend 38" above the deck and attach to posts as an enclosure. NOTE: SIT-DOWN CHAINS & BARS ARE NOT ACCEPTABLE.
7. SLIDING FOOTER: ALL Slides shall include "Sliding footer" at the base of the slide that attaches to the inground support post. The sliding footer is to eliminate possible entanglement hazards by ensuring that slides do not pull away from the decks due to expansion and contraction during warm and cold cycles. NOTE: SLIDES WITHOUT SLIDING FOOTERS ARE NOT ACCEPTABLE.
8. DOUBLE SWOOSH SLIDES: Bedways shall be rotationally molded from U.V. stabilized linear low-density polyethylene, color as specified. Unit shall be designed with minimum of 6" high sidewalls, 16" wide sliding surfaces, 1S" or greater exit length and a center divider for double bedways. Slide shall have an average sliding slope of 30 degrees and face mount with standard 3/8" fasteners into molded-in "T" nuts. Powdercoated slide base "T" supports shall have a single 2.37S" O.O. RS-20 (.09S" -.1 OS") galvanized steel tubing and %" x 3" mounting plate. Mid support shall be comprised of 1.660" O.O. RS-20 (.085"-.095") galvanized steel tubing and %" x 3" mounting plate, with a



powdercoat finish. Single and double slides shall include a slide hood with a built in sit-down bar extruded from 1.125" O.O. x .312 W. 6061-T6 aluminum with a powdercoat finish. Primary fasteners shall be socketed and pinned, tamperproof in design, stainless steel (SST) per ASTM F879.

9. CLOUDBURST SLIDE: Bedways shall be rotationally molded from U.V. stabilized linear low-density polyethylene, color as specified. Unit shall be designed with minimum of 6" high sidewalls, 16" wide sliding surfaces, 15" or greater exit length and 2 center dividers. Slide shall have an average sliding slope of 30 degrees and face mount with standard 3/8" fasteners into molded-in 'T' nuts. Powdercoated slide base 'T' supports shall have a single 2.375" O.O. RS-20 (.095"-.105") galvanized steel tubing and 1/2" x 3" mounting plate. Mid support shall be comprised of 1.660" O.O. RS-20 (.085"-.095") galvanized steel tubing and 1/2" x 3" mounting plate, with a powdercoat finish. Slide hood shall be rotationally molded from U.V. linear low density polyethylene and shall incorporate a built in sit-down bar extruded from 1.125" O.O. x .312 W. 6061-T6 aluminum with a powdercoat finish. Primary fasteners shall be socketed and pinned, tamperproof in design, stainless steel (SST) per ASTM F879.
10. CORKSCREW CLIMBER: The weldment is comprised of 1.900" O.O. RS-20 (.090"-.100") galvanized steel tubing and 1.315" O.O. RS-20 (.080"-.090") galvanized steel tubing with a powdercoat finish. The overhead rails are formed from 1.315" O.O. RS-20 (.080"-.090") galvanized steel tubing with a powdercoat finish. Handholds shall be solid color Permalene. Spacer tube is made from 2011-T3 aluminum 1/2" O.O. x 1 11/16" with a powdercoat finish.
11. OVERHEAD PARALLEL BARS: Weldment is comprised of 2.375" O.O. RS-40 galvanized steel tubing, 1.315" O.O. x RS-20 galvanized steel tubing and cast 535 aluminum magnesium attachment brackets with a powdercoat finish. Hanger clamp assembly is cast aluminum, powder coated as specified.
12. SUMMIT CLIMBER: Unit shall be rotationally molded from U.V. stabilized from linear low-density polyethylene, color as specified. The handhold panels shall be solid color Permalene with 1/2" x 1 1/8" hand holds.
13. 42" ARCH BRIDGE: Bridge is fabricated from 12 GA (.105) sheet steel conforming to ASTM A569. Standing surface is perforated with 5/16" diameter holes. Unit is Tendertuff coated brown. Panel barrier is solid color Permalene, 355/8" wide x 41" high. **NOTE: EXPANDED METAL DECKS ARE NOT ACCEPTABLE.**
14. DECK LINK: Upper infill panel shall be solid color Permalene measuring 6" x 37" high. Lower infill panel shall be solid color

Permalene measuring 6" x 41" high. Step section is formed from 12 GA sheet steel conforming to ASTM A569. Standing surface is 24 %" wide x 14" deep and is perforated with 5/16" diameter holes with a Tender tuff coated finish. Handrail weldment is comprised of 1 1/8" 00 x 11 GA steel tubing and 1/8" HR flat steel with a Tender tuff coated finish.

15. CHINNING BAR: The chinning bar shall consist of a rail weldment comprised of 1.125" 0.0. x 11 GA. Steel tubing with 203 or 303 stainless steel 5/8" threaded inserts and a 116" post. Rail is Tender tuff coated as specified. NOTE: PAINTED RAILS ARE NOT ACCEPTABLE.
16. LOOP SEAT: The seat weldment is comprised of 1.600" 00 RS-20 galvanized steel tubing and formed 3/4" x 1 %" steel clamps with a Tender tuff coated finish.
17. GYRO TWISTER: Upper spinner mount weldment is comprised of 2.375" 0.0. RS40 (.130"- .140" Wall) galvanized steel tube, 2.750" 0.0. 1018 steel, and 1/4" HRPO flat steel with a powdercoat finish. Twister assembly Weldment is comprised of 1.900" O. D. RS40 (.130"- .140" Wall) galvanized steel tube, 1.660" 0.0. RS40 (.111"- .121" Wall) galvanized steel tube, 2.750" 0.0. 1018 steel and 1 7/8" steel ball with a powdercoat finish. Bushing is Oil-filled UHMW PE. Footer weldment is comprised of 2.375" 0.0. RS40 (.130"- .140" Wall) galvanized steel tube, 12 Ga. (.105") HR flat steel and 1 7/8" steel ball with a powdercoat finish. Post: 132" long steel posts; 5" 0.0. x 11 GA (.120") galvanized steel tubing, 1.029" 0.0. RS-20 (.070" - .080") galvanized steel tubing, 1.315" 0.0. RS-20 (.080" - .090") galvanized steel tubing and 1/4" x 1 1/4" HR flat steel with a powdercoat finish.
18. VERTICAL ASCENT: Unit shall consist of two solid color Permalene handhold panels and a Permalene panel with polyester resin hand/fooholds. Hand/fooholds measure approximately 5 %" long x 2 3/4" wide x 1 %" high. Panels shall attach to deck with standard 3/8" fasteners and to posts with aluminum spacer tubes made from 2011- T3 aluminum %" 0.0. x 1 11/16" with a Powdercoated finish.

## 2.05 INDEPENDENTS - GENERAL SPECIFICATIONS

1. BENCHES: Seat planks shall be fabricated from formed 11 GA HRPO sheet steel perforated with planks measuring 10 %" wide x 72" long with 5/16" diameter holes on the surface with a Tender tuff coated finish. Back planks are fabricated from formed 11 GA HRPO sheet steel perforated with planks measuring 6 %" wide x 72" long with 5/16" diameter holes on the surface with a Tender tuff coated finish. The leg weldment is comprised of 2.375" 00 RS-40 galvanized steel tubing and a 3/8" x 4" Frames have a powdercoat finish. Primary fasteners shall be

socketed and pinned, tamperproof in design, stainless steel per ASTM F-579.

2. TABLES: Table Legs are 2.375" O.O. x RS40 (.130"- .140" wall) galvanized steel tubing, 3/16" x 2" HR flat steel, 3" x 2" x 3/16" HR steel angle, 1/8" x 1 1/2" HR flat steel and 1/4" x 1/2" stainless flat steel. Finish: powdercoat, color specified. Table top is 12 GA (.105") sheet HRPO steel, table top measures 42" square with 5/16" diameter holes on surface. Finish: TenderTuff, color specified. Table seats are 12 GA (.105") sheet HRPO steel, seat plank measures 10" wide x 32" long with 5/16" diameter holes on surface. Finish: TenderTuff, color specified. The center support weldment is 1.900" O.O. RS40 (.120"- .130" wall) galvanized steel tubing and 3/16" x 2" HR flat steel. Finish: Powdercoat, color specified.
3. SIGNS: Sign panels are two color Permalene measuring 19 %" wide x 27 %" high, color as specified. Posts are 2 3/8" square aluminum posts and shall have a minimum wall thickness of .125" and be extruded of 6005- T5 aluminum allow. They shall have rounded comers and ribbed faces. A cast aluminum top cap shall be installed at the factory with stainless steel knurled spacers and aluminum drive rivets. Flanges shall be extruded of 6005- T5 aluminum alloy and shall slide into slots extruded into the posts.

### PART 3 -INSTALLATION

Install all materials in strict accordance with manufacturers recommendations and instructions.

The installation shall be done by a FACTORY CERTIFIED INSTALLER (Certification to be submitted to owner).

### PART 4 - WARRANTY

- 100-Year Limited Warranty for all stainless steel fasteners, aluminum posts, clamps, beams and caps, against structural failure due to corrosion/natural deterioration or manufacturing defects. This warranty does not include any cosmetic issues or wear and tear from normal use.
- 15-Year Limited Warranty for all plastic and steel components, including TuffTimbers™, against structural failure due to corrosion/natural deterioration or manufacturing defects. TenderTuff™-coating against structural failure due to natural deterioration or manufacturing defects. (Except Wiggle Ladders, Chain Ladders and Swing Chain). TuffTurf® against material or manufacturing defects when properly installed. Corocord® cable on Spacenet™ climbers against breakage.
- 3-Year Limited Warranty for all other parts, ie: CableCore™ products, Swing seats and hangers, Mobius climber handholds, Wiggle Ladders, Chain Ladders and Swing

Chain, Track Ride trolleys and bumpers, all rocking equipment including Sway Fun™, PVC belting material, Health Beat™ hydraulic cylinders, Seesaws, Wiggle Ring Bridge, etc. against failure due to corrosion, natural deterioration or manufacturing defects.

This warranty does not include any cosmetic issues or wear and tear from normal use.

#### PART 5 - MANUFACTURER REQUIREMENTS

The manufacturer must have product liability insurance of at least \$10,000,000 from a reputable insurance company and must have manufactured the specified products for at least 15 years.

## **PLAYGROUND SURFACING TILES**

### **PART 1 GENERAL**

#### **1.1 SECTION INCLUDES**

Resilient, interlocking, playground safety surfacing tiles.

#### **1.2 RELATED SECTIONS**

Section 03300 - Cast-in-Place Concrete:

#### **1.3 REFERENCES**

- A. ASTM C 67 - Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile.
- B. ASTM 0395 - Standard Test Methods for Rubber Property-Compression Set.
- C. ASTM 0 412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers--Tension.
- D. ASTM 0573 - Standard Test Method for Rubber-Deterioration in an Air Oven.
- E. ASTM 0624 - Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
- F. ASTM D 1667 - Standard Specification for Flexible Cellular Materials-Vinyl Chloride Polymers and Copolymers (Closed-Cell Foam).
- G. ASTM D 2047 - Standard Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine,
- H. ASTM D 2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials.
- I. ASTM E 108 - Standard Test Methods for Fire Tests of Roof Coverings.
- J. ASTM E 303 - Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester.
- K. ASTM F 1292 - Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
- L. US Consumer Product Safety Commission (CPSC) Handbook for Playground Safety.

#### 1.4 SUBMITTALS

- A. Comply with Section 01330 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions and surface instructions.
- C. Samples: Submit manufacturer's sample of 1 full tile upon owner's request.
- D. Test Reports: Submit certified test reports from qualified independent testing agency indicating results of impact attenuation testing.
- E. Certificate of Compliance: Submit manufacturer's certificate of compliance indicating materials comply with specified requirements.
- F. Manufacturer's Project References:
  - 1. Submit list of successfully completed projects.
  - 2. Include project name and location! name of architect, and type and quantity of playground safety surfacing tiles furnished.
- G. Installer's Project References:
  - 1. Submit list of successfully completed projects.
  - 2. Include project name and location, name of architect, and type and quantity of playground safety surfacing tiles installed.
- H. Maintenance Instructions: Submit manufacturers maintenance and cleaning instructions.
- I. Warranty: Submit manufacturer's **10** Year warranty as specified.

#### 1.5 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer shall meet a minimum of 1 of the following 2 requirements.
  - 1. Continuously engaged in manufacturing of playground safety surfacing tiles of similar type to that specified, with a minimum of 10 years successful experience.
  - 2. Furnished a minimum of 1,000,000 square feet of playground safety surfacing tiles of similar type to that specified.
- B. Installer's Qualifications:
  - 1. Successful experience in installation of playground safety surfacing tiles and Certified by the manufacturer.
  - 2. Employ persons trained for installation of playground safety surfacing tiles.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage:
  - 1. Store materials in accordance with manufacturer's instructions.
  - 2. Playground Safety Surfacing Tiles:
    - a. Store tiles in a dry area at a minimum temperature of 50 degrees F (10 degrees C) for a minimum of 72 hours before installation.
    - b. Protect tiles from direct sunlight before installation.
  - 3. Adhesive: Store adhesive in a dry area at a minimum temperature of 50 degrees F (10 degrees C).
- C. Handling: Protect materials during handling and installation to prevent damage.

**1.7 ENVIRONMENTAL REQUIREMENTS**

- A. Tile Temperature: Ensure surface temperature of playground safety surfacing tiles is a minimum of 50 degrees F (10 degrees C) at time of installation.
- B. Air Temperature: Ensure air temperature is a minimum of 40 degrees F (4 degrees C) for a minimum of 24 hours before and during installation.

**1.8 WARRANTY**

- A. Materials and Workmanship: Playground safety surfacing tile installation shall be warranted for defects in materials and workmanship for 10 years from date of completed installation.
- B. Performance: Playground safety surfacing tile installation shall be warranted to meet drop height performance requirements of ASTM F 1292 for 10 years from date of completed installation.

**PART 2 PRODUCTS****2.1 MANUFACTURER**

- A. SofSURFACES, Inc., 4393 Discovery Line, PO Box 239, Petrolia, Ontario N0N 1 R0, Canada,  
OR EQUAL. Non-interlocking tiles will not be acceptable.

**2.2 PLAYGROUND SURFACING TILES**

- A. Tiles: "SotTILE KrosLOCK" or EQUAL
  - 1. Series: PLUS SERIES
  - 2. Description: Resilient, interlocking, playground safety surfacing tiles.
  - 3. Compliance: Meet or exceed CPSC guidelines for impact attenuation.
  - 4. Material: Compression-molded, recycled rubber and binding agents.
  - 5. Tile Locking: U-shaped male and female configuration on all 4 sides to Jock tiles to adjacent tiles.
  - 6. Top Edges: Chamfered.
  - 7. Tile Bottom: Hollow core stanchion pattern. Stanchions shall have density equivalent to wear layer.
  - 8. Wear Layer:
    - a. Plus Series: Elongated SBR rubber buffing. Pigmentation used to achieve color.  
Minimum 0.375 inch thick.
  - 9. Size: 24 inches by 24 inches, plus or minus 1/8 inch.
  - 10. Thickness: 3.24" minimum

11. Minimum Weight Each Tile:
  - a. Plus Series:
    - 1) 3/25-Inch Thickness: 31.0 pounds.
12. Colors: Plus Series: Black, Terra Cotta, Turf Green, Ocean Blue, Saddle Brown, Slate Grey, Harvest Tan - as chosen by owner

**B. Test Results:**

1. Impact Attenuation, ASTM F 1292:
  - a. Gmax: Less than 150.
  - b. Head Injury Criteria (HIC): Less than 800.
2. Freeze Thaw, ASTM C 67: No deterioration.
3. Rubber Deterioration / Air Oven, ASTM D 573: No deterioration.
4. Slip Resistance:
  - a. ASTM E 303:
    - 1) Dry: 102.
    - 2) Wet: 62.
  - b. ASTM D 2047:
    - 1) Dry: 0.81.
    - 2) Wet: 0.82.
5. Compression Deflection, ASTM D 1667: 29.5 psi to 25 percent compression.
6. Compression Set, ASTM D 395: 4.37 percent permanent set.
7. Tensile Strength, ASTM D 412: 107 psi.
8. Elongation at Break, ASTM D 412: 165 percent.
9. Tear Strength, ASTM D 624: 33.1 pounds per inch.
10. Wear Surface Density (Durability): 60 pef minimum.
11. Flammability:
  - a. Burning Pill, ASTM D 2859: Pass.

**2.3 ACCESSORIES**

- A. Corners;
  1. Prefabricated outside and inside corners
  2. Material: Same as playground safety surfacing tiles.
- B. Ramps:
  1. Prefabricated Ramps: «SofRAMP Jr.»
  3. Material: Same as playground safety surfacing tiles.
- C. Adhesive:
  1. Single-component, 100 percent solids, polyurethane.
  2. Waterproof.
  3. Tube format.
  4. Approved by manufacturer.



**PART 3 EXECUTION****3.1 EXAMINATION**

- A. Examine areas to receive playground safety surfacing tiles. Notify Architect if areas are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

**3.2 PREPARATION**

- A. Prepare subsurface in accordance with manufacturer's instructions to ensure proper support and drainage for playground safety surfacing tiles.
- B. Concrete Subsurface:
  - 1. Concrete subsurface shall be a minimum of 4" thick, 3000 psi and reinforced as needed.  
Concrete subsurface shall extend approximately 6" beyond the SofRamp border providing a flat curb/mow strip.
  - 2. Apply light broom finish.
  - 3. Ensure concrete is sound with no loose material or cracks over 1/8 inch wide.
  - 4. Ensure concrete is a minimum of 28 days old.
  - 5. Test concrete for moisture in accordance with manufacturer's instructions to ensure it has sufficiently cured and is dry.
  - 6. Power wash existing concrete in accordance with manufacturer's instructions.

**3.3 INSTALLATION**

- A. Install playground safety surfacing tiles in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Ensure prepared subsurface and tiles are dry and clean.
- C. Layout tile surface in accordance with manufacturer's instructions.
- D. Install tiles in a single installation session.
- E. Layout in advance tiles to be installed in single installation session.
- F. Apply adhesive in accordance with manufacturer's instructions for tile-to-tile and perimeter tile-to-base installation.

**3.4 CLEANING**

- A. Remove adhesive spills from playground safety surfacing tiles in accordance with manufacturer's instructions.
- B. Clean tiles in accordance with manufacturer's instructions.

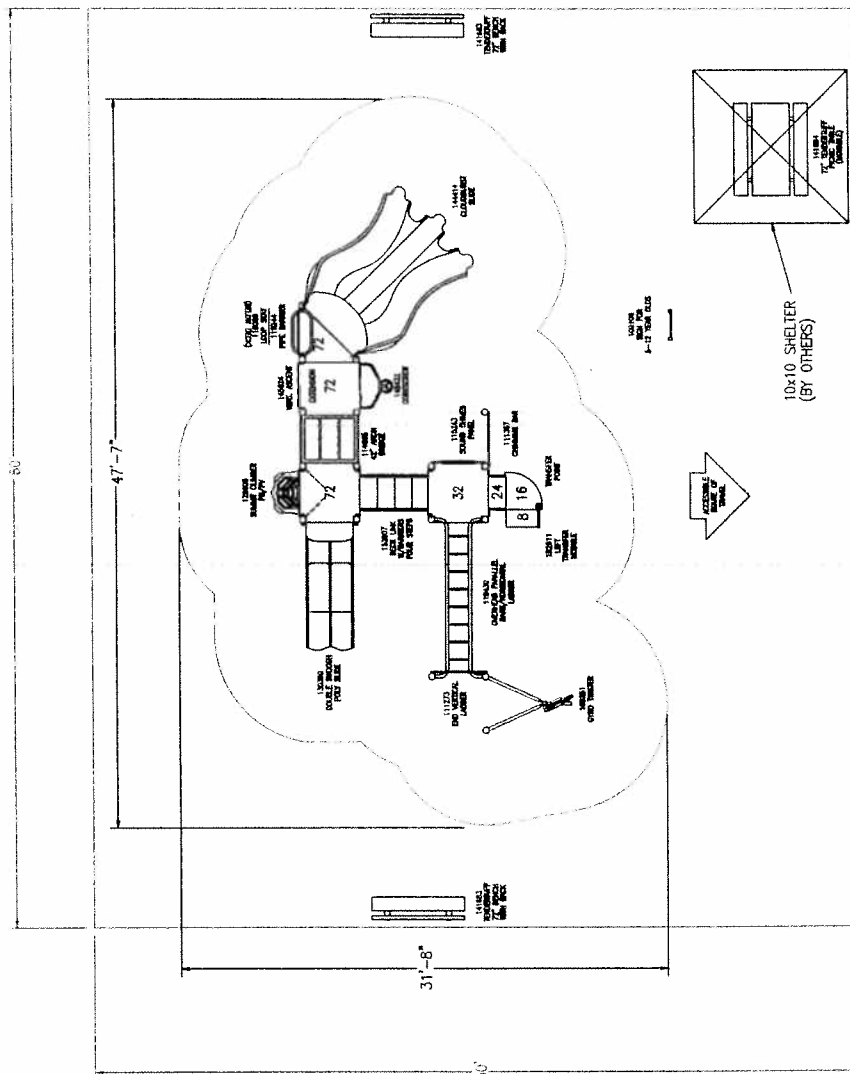
**3.5 PROTECTION**

- A. Protect playground safety surfacing tiles from foot traffic for a minimum of 12 hours after installation.
- B. Protect completed tiles from damage during construction.



OAK FOREST PARK		8/17/2009
MARRERO, LA	15137284-1-1	





TOTAL ELVATED PLAY COMPONENTS	8	0	REQUIRED
TOTAL ELVATED COMPONENTS ACCESSIBLE BY RAMP		8	REQUIRED
TOTAL ELVATED COMPONENTS ACCESSIBLE BY TRANSFER		3	REQUIRED
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN		3	REQUIRED
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS		3	REQUIRED

THIS DRAWING HAS A  
THUNDERHEAD AND/OR CLOUDBURST  
ON IT, A FREIGHT QUOTE IS REQUIRED

OAK FOREST PARK  
MARRERO, LA

SYSTEM TYPE:  
PLAYBOOSTER

---

DRAWING #: 37284-1-1

[illegible]

San  
landscape  
structures



The play *Unleash* identified on this plan are PDA certified. (Unleash otherwise noted)

The use and layout of these components within the requirements of ASTM F-487.

THIS PLAY AREA & EQUIPMENT IS  
DESIGNED FOR AGES 5-12 YEAR  
UNLESS OTHERWISE NOTED ON PLAN.

IF IS THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE ADA ACCESSIBILITY GUIDELINES (ADAG), ASSUMING AN ACCESSIBLE PAVEMENT SURFACING IS PROVIDED, AS INDICATED, OR WITHIN THE EXISTING USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US PRIOR TO CONSTRUCTION. DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY, EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE PATTERNS SHOULD BE OBTAINED & UTILIZED IN THE FINAL DESIGN. VERIFY ALL DIMENSIONS OF ALL PLANS, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, ELEVATIONS, AND SEE FLOODING PRIOR TO CONSTRUCTING. SLOES SHOULD NOT FACE THE HOT AFTERNOON SUN.

FACE THE HOT AFTERNOON SUN.

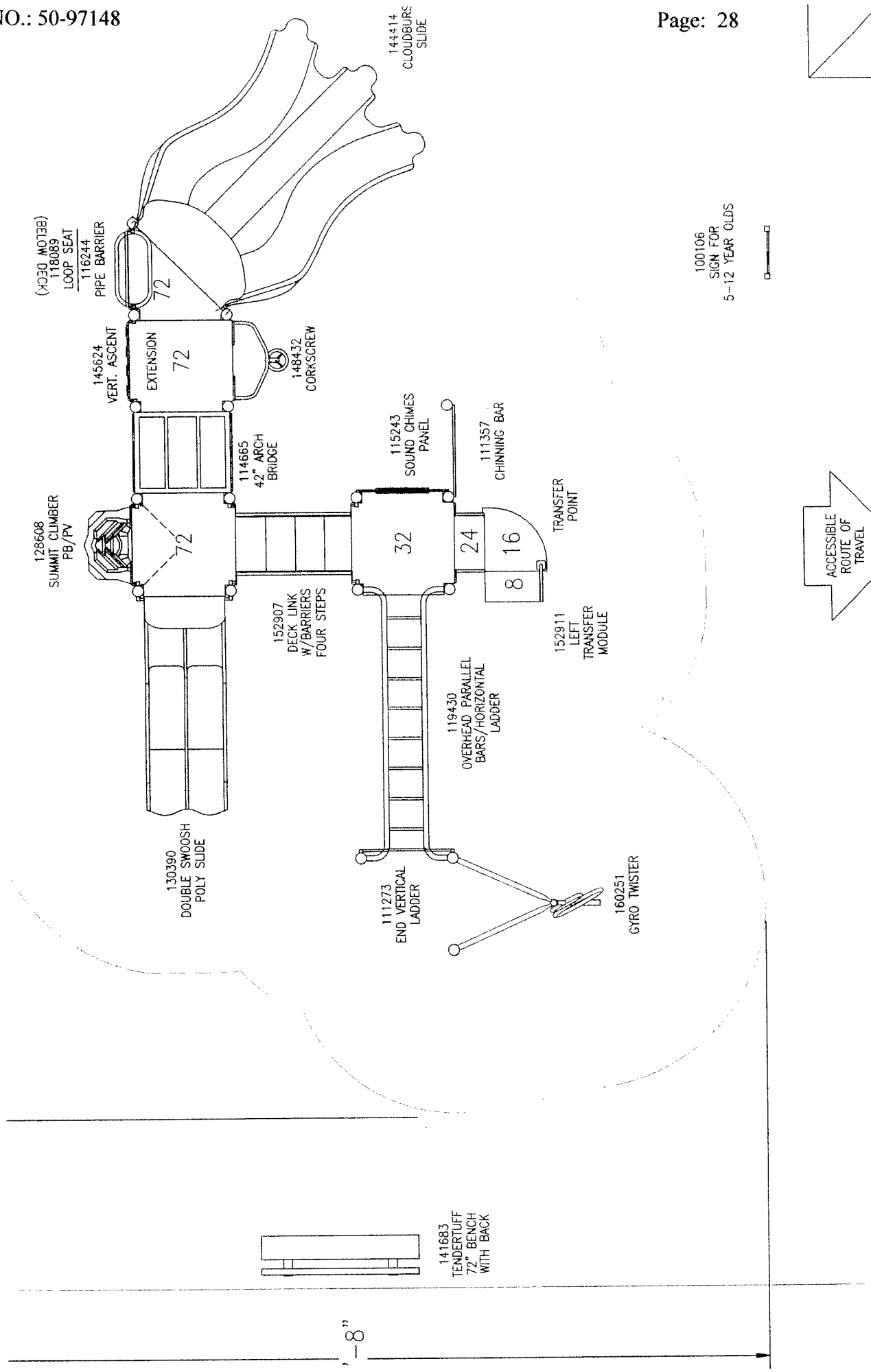
CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEAT VALUE OF AT LEAST THE HEIGHT OF THE HIGHEST ACCESSIBLE PART/FULL RANGE OF THE ADVANTAGE SURFACING (NOT: CONSUMER PRODUCT SAFETY COMMISSION (CPSC) DANGER, SECTION 15 SURFACING).

AREA OF ACCESSIBLE PROTECTIVE SURFACING (P.O. #12-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026

DESIGNED BY: AS

COMPANY: 8/17/09  
LANDSCAPE STRUCTURES, INC.  
601 7th Street South - P.O. Box 106  
Bellevue, Washington 98003  
PH: 1-800-238-8828 FAX: 1-206-672-

Notes	Previous Drawing	Initials



**landscapes structures**

701 N. 10th St. Suite 100  
Tulsa, OK 74103  
Phone: (918) 438-1111  
Fax: (918) 438-1112  
Website: www.landscapesstructures.com

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DESIGNED BY:  
PROJECT NO.:  
DATE: 10/1/2011

**THIS DRAWING HAS A  
THUNDERHEAD AND/OR CLOUDBURST  
ON IT, A FREIGHT QUOTE IS REQUIRED**

**TOTAL ELEVATED PLAY COMPONENTS** 0

**TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP** 0

**TOTAL ELEVATED COMPONENTS ACCESSIBLE BY WHEELCHAIR** 0

**TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN** 3

**TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS** 3

**REQUIRED:** 0

**REQUIRED:** 0

**REQUIRED:** 0

**REQUIRED:** 3

**REQUIRED:** 3

**SYSTEM TYPE:** PLAYBOOSTER

**PROJECT NO.:** 37264-1-1

**OAK FOREST PARK**

**MARRERO, LA**

**DATE:** 10/1/2011

**BY:** [Signature]

**MESA MODEL****10'X 10'****SPECIFICATIONS****Dimensions:**

<b>Roof Dimensions</b>	<b>10'-0"x 10'-0"</b>
<b>Minimum Clearance</b>	<b>7'-2"</b>
<b>Roof Height @ Peak</b>	<b>±9'-4"</b>
<b>Hip Roof</b>	<b>4:12 pitch</b>
<b>Square Feet Under Roof</b>	<b>100</b>

Columns shall be 5"x 5" square steel tube minimum .120 wall thickness.

All beams shall be structural steel tube sized according to engineering.

All bolts shall be A-325 or A-307 hard hidden at all connections.

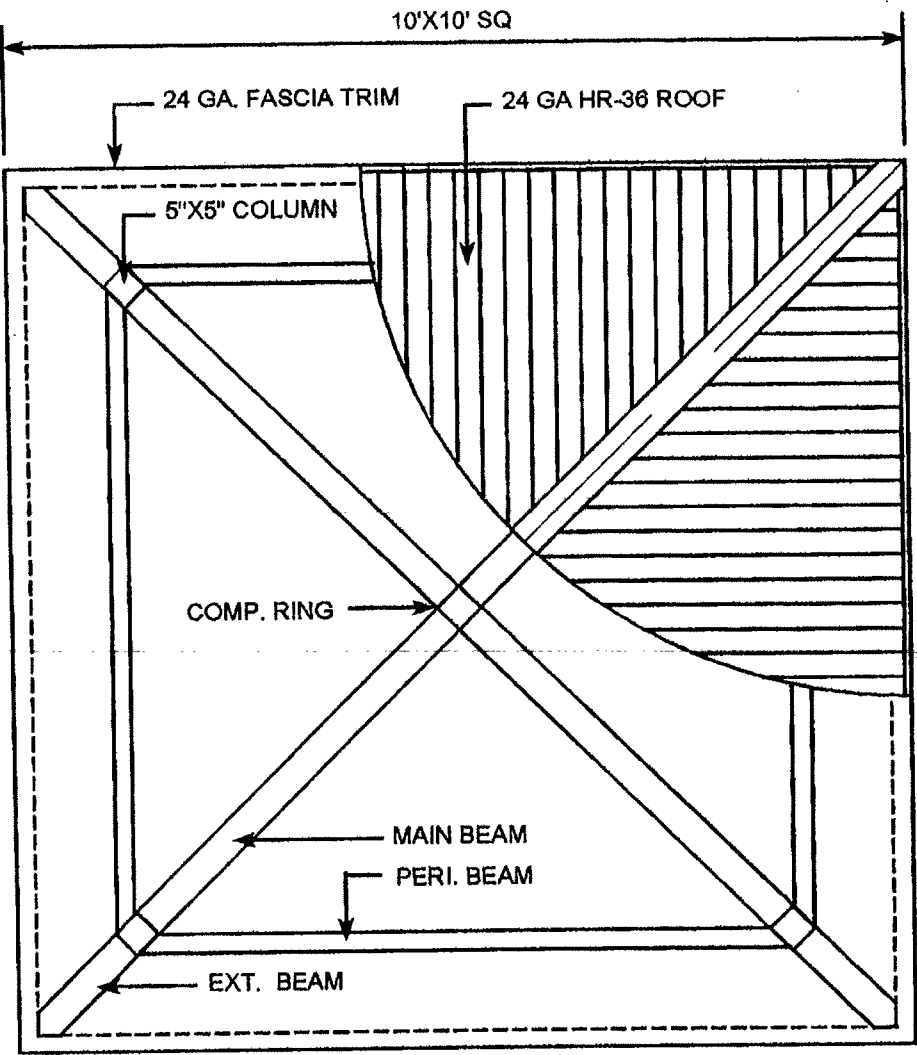
Roofing shall be 24 ga. HR-36 steel pre-cut and pre-finished with ribs running with the slope of the roof.

Trim shall be 24 ga. pre-finished to match roofing.

Fascia trim minimum size shall be 3½"x 3½" square, 24 gauge.

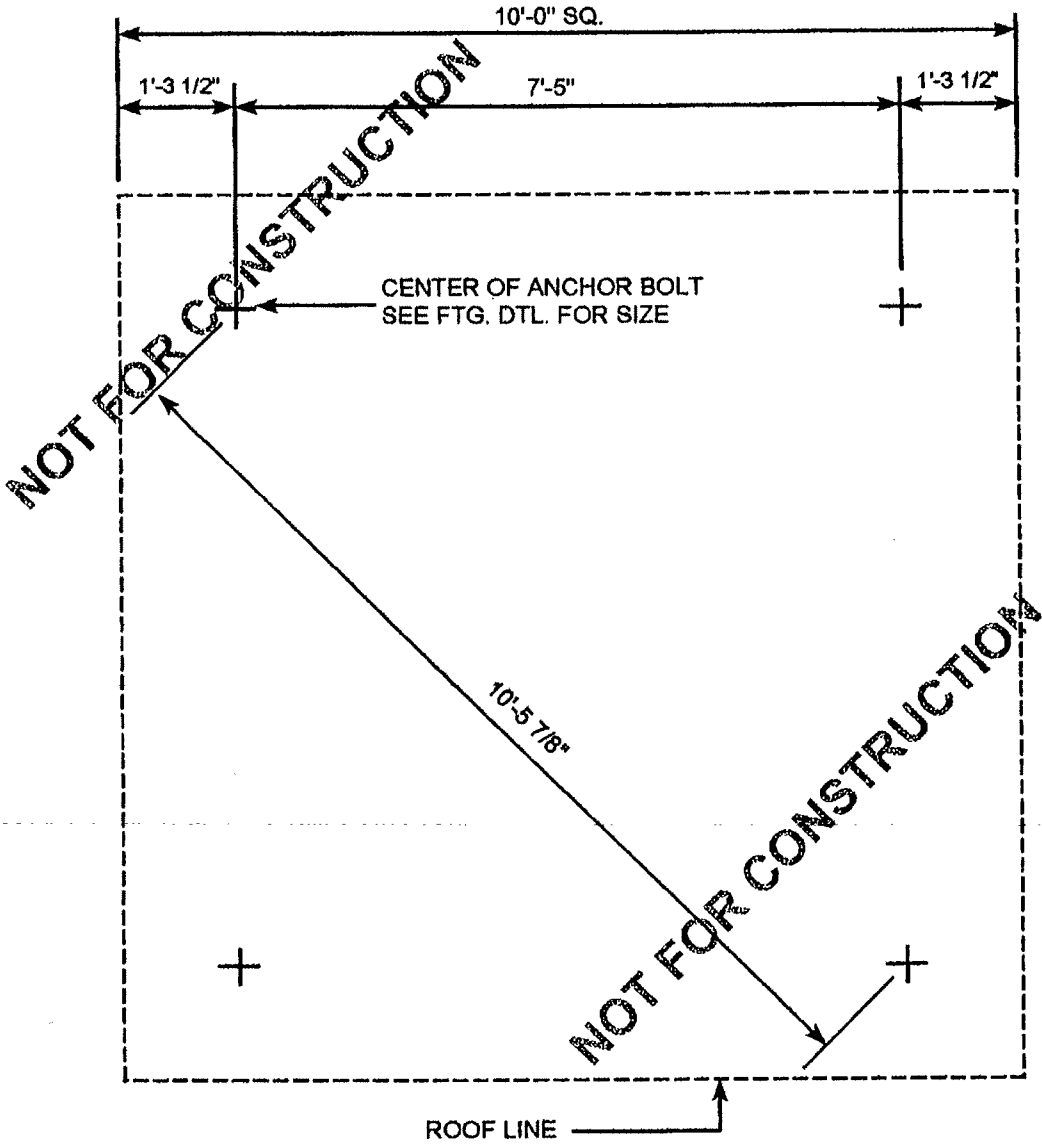
Cee channels, (open or closed), "S" or "Zee" purlins, "I" beams or angle iron shall not be allowed.

NOT FOR CONSTRUCTION



PLAN VIEW 10'X10' MESA MODEL  
NTS

MEASUREMENTS  
TYP ALL SIDES

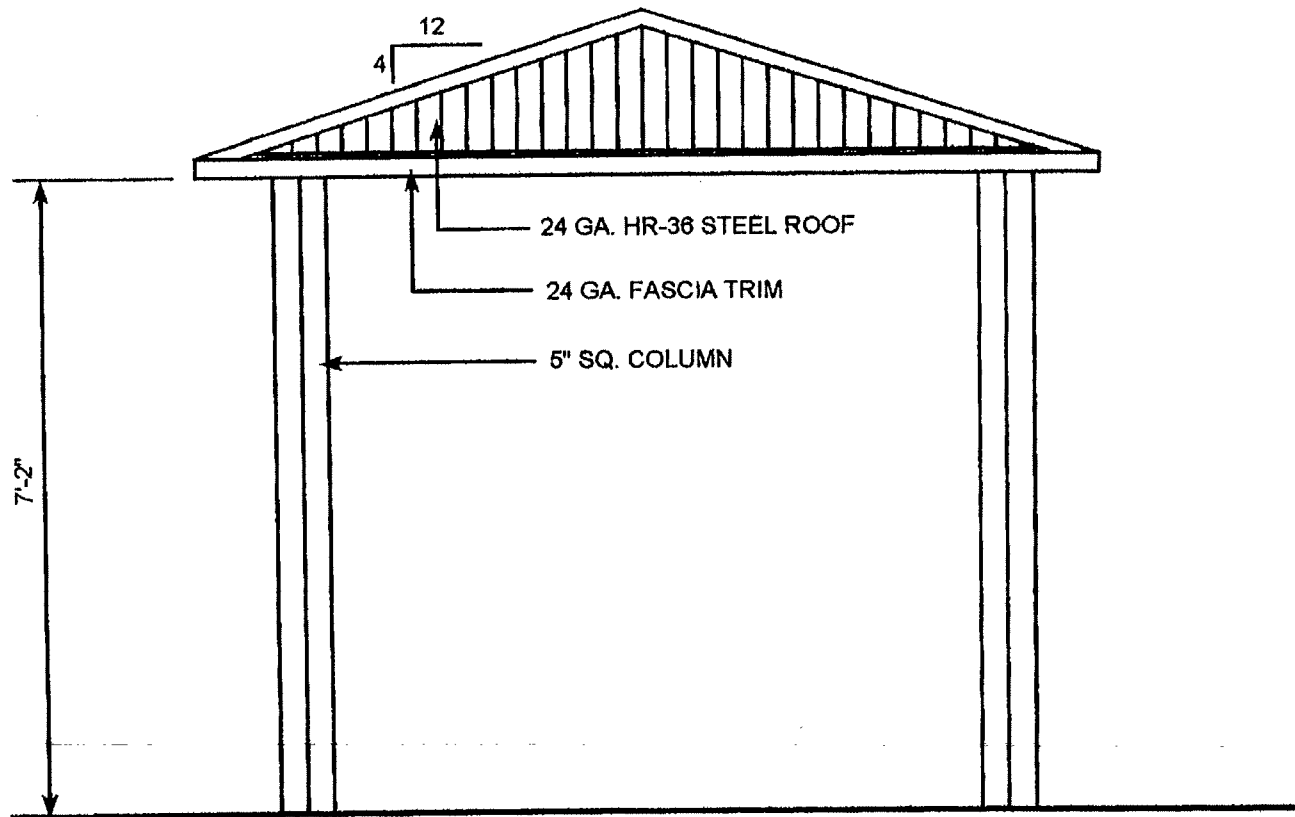


LAYOUT PLAN 10'X10' MESA MODEL

NTS

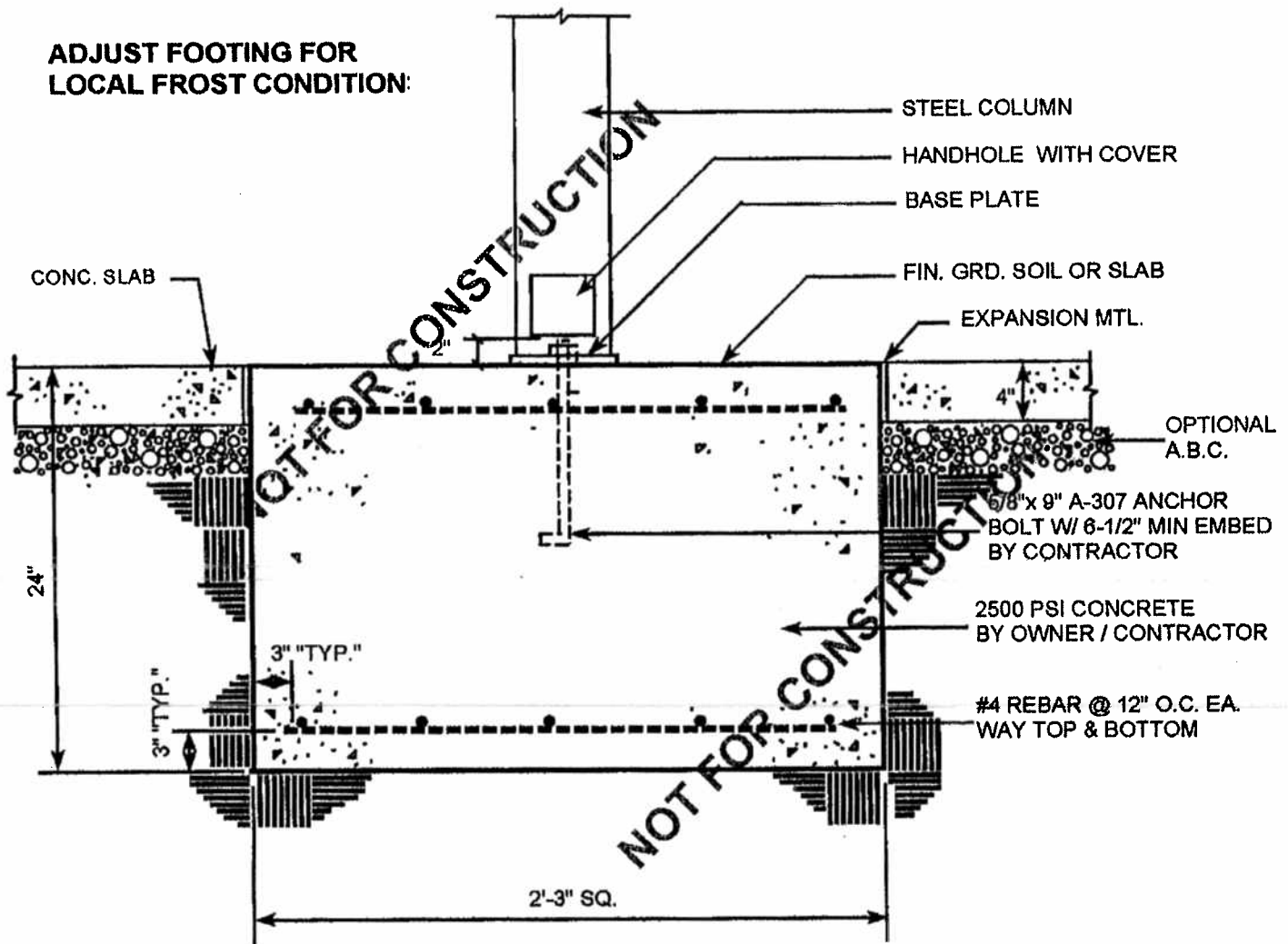


**NOT FOR CONSTRUCTION**



**ELEVATION 10'X10' MESA MODEL**  
NTS

**NOTE: FOR ILLUSTRATION ONLY!!  
FOOTING SIZE MAY CHANGE W/  
STRUCTURAL ENGINEERING!**



**SPREAD FOOTING DETAIL  
10'X10' MESA MODEL**

NTS

UNDISTURBED OR 95%  
COMPACTED SUBGRADE

**AFFIDAVIT**

STATE OF LOUISIANA  
PARISH OF JEFFERSON

BEFORE ME, THE UNDERSIGNED AUTHORITY, PERSONALLY CAME AND APPEARED \_\_\_\_\_, WHO AFTER BEING BY ME DULY SWORN, DEPOSED AND SAID THAT HE IS THE FULLY AUTHORIZED \_\_\_\_\_ OF \_\_\_\_\_ (HEREIN AFTER REFERRED TO AS BIDDER) THE PARTY WHO SUBMITTED A BID FOR \_\_\_\_\_, BID NO. \_\_\_\_\_

AND SAID AFFIANT FURTHER SAID:

- 1) That bidder employed no person, corporation, firm, association or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the bidder whose services in connection with the construction of the public building or project or in securing the public contract were in the regular course of their duties for bidder; and
- 2) That no part of the contract price received by bidder was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the bidder whose services in connection with the construction of the public building or project were in the regular course of their duties for bidder.
- 3) Said bid is genuine and the bidder has not colluded, conspired or agreed directly or indirectly with any other bidder to offer a sham or collusive bid.
- 4) Said bidder has not in any manner, directly or indirectly, agreed with any other person to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price, or that of any other bidder, or to induce any other person to refrain from bidding.
- 5) Said bidder is not intended to secure an unfair advantage of benefit from the Parish of Jefferson or in favor of any person interested in the proposed contract.

\_\_\_\_\_  
**SWORN TO AND SUBSCRIBED**  
**BEFORE ME THIS** \_\_\_\_\_  
**DAY OF** \_\_\_\_\_, 20 \_\_\_\_\_

\_\_\_\_\_  
**NOTARY PUBLIC**

## **INSURANCE REQUIREMENTS**

All insurance requirements shall conform to Jefferson Parish Resolution No. 113646 or No. 113647

The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and Resolution No.113646 or No.113647.

### **WORKER'S COMPENSATION INSURANCE**

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

### **COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

### **COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.  
Property Damage Liability \$1,000,000.00 each occurrence.

### **DEDUCTIBLES**

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible be borne by the contractor.

### **UMBRELLA LIABILITY COVERAGE**

An umbrella policy or excess may be used to meet minimum requirements.

## **CONSTRUCTION AND RENOVATION PROJECTS REQUIRE THE FOLLOWING:**

### **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

### **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.